
Transcriptome Encyclopedia of Early Human Development.

Journal:	Cell
Publication Year:	2016
Authors:	Anna Sahakyan, Kathrin Plath
PubMed link:	27153491
Funding Grants:	Understanding the status of the X chromosomes in human ESCs and preimplantation embryos

Public Summary:

Our understanding of human pre-implantation development is limited by the availability of human embryos and cannot completely rely on mouse studies. Petropoulos et al. now provide an extensive transcriptome analysis of a large number of human pre-implantation embryos at single-cell resolution, revealing previously unrecognized features unique to early human development.

Scientific Abstract:

Our understanding of human pre-implantation development is limited by the availability of human embryos and cannot completely rely on mouse studies. Petropoulos et al. now provide an extensive transcriptome analysis of a large number of human pre-implantation embryos at single-cell resolution, revealing previously unrecognized features unique to early human development.

Source URL: <https://www.cirm.ca.gov/about-cirm/publications/transcriptome-encyclopedia-early-human-development>